Special part - Surp Oct. 16

Work Orde		1392	1	*911	392*							Page 1
Item ID: Revision ID: Item Name:	D350-636-2 Skidtube STI	P.16 D.R.H., Deluxe		Accept	*N900	040	100	ገ*	Setup	Start Stop	1 71	S1* S2*
Start Date:	10/05/12	Start Qty: 1.00	*1	+	Cust Item 1	ID:						
Required Date: Reference:	10/16/12	<b>Req'd Qty:</b> 1.00	*13	<b>k</b>	Customer:							
Approvals:	Process Pla	an: U	Date:	Tooling:	D	 ate:	-		Run	Start	*N	R1*
	QC:		_ Date:	SPC (Y/N):		ate:				Stop	*N	R2*
Sequence ID/ Work Center II	)	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp
Draw Nbr	Rev	vision Nbr									<del></del>	
IIN-D350-636	I										,	
100				0.00 <b>A</b>	1 1 6							
*100*				16	17/10/12							
DC Document Control		Memo Photocopy I	pluefile & type labels	0.00 9- <b>ga</b> per PPPD350-636-216 CHG0	11 1/2							
					V							
110		Assemble as per dwg		0.00								,
*110* HandFinish		:		0.00	12-10-18							
Hand Finishing		Memo 1- Assemble	Toe kit Wedge kit a	nd Tow ring kit to D350-636-								
		D350-636	, room, meage man	in row ing kit to 3550 050	A						PK	
*120		QC5- Inspect part compl	eteness to step on W/	0.00 Sw	<b>&gt;</b>			\				·
QC Quality Control		Memo			21/8							

NCR:	Yes /	No
IVCIA.	100/	110

# WORK ORDER NON-CONFORMANCE / UPDATE

DQA: Aut 2 Date:	•	
Closed: A Pato:	12/16/27	

									QA Closed:	Dat	e: // ^-
Work Orde	er: 9	135	7		DISPOSITION	$\mathcal{X}$		AGAINST DE	PARTMENT	/PROCESS	, <i>.</i>
Part N	10. D '	250-	-630	6-216	Rework / Scrap		Skid-tube Machining	Crosstube Small Fab		Water Jet d. Eng. Coor.	Engineering Quality
NCR N	10. 12	195	7	· · · · · · · · · · · · · · · · · · ·	Use-as-is Work Order Update	The	moforming Large Fab	Finishing Composite	Rec/Stor	re/Packaging Supplier	Other
Root				Descri	otion of work order update	Initial	Α	Action	Sign &		
Cause	Date	Step	Qty	c	r Non-conformance	Chief En	g Des	scription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator				1110	is plate	A	Install	10 place <b>R3213</b> -4-3 M1121708	12:10:19		12.10.19
Material Setup	12.10.19 110 1 NO 10 plate only					Bastup	Vivets	M1121708	12 10 19	0AS 16 25	1,7,620 12 1
Other				ow	Laine only					15	
Process					(					rlow	
Supplier						14				ruola	2
Training											
Unapproved											
					F	AULT CAT	EGORY				
Landir	ng Gear				General				1	г	<del></del>
	Bending			<u>  -</u>	Bend	Grain			Ovalized		Pressure/Forced
	Centre No	t Concer	ntric to	O/S	BOM/Route	Hardw			Over/Under	ŀ	Temperature/Cure
ļ	Cracks			ļ	Broken/Damaged	$\vdash$	tion Incomplete		Part Incorred	ŀ	Weld
	Crushed/Crimped. Burrs					<u> </u>	ctions Incomplete	e/Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled
ļ.	Cuffs Contamination				•••••	<del></del>	enance		Part Moved	-	
Heat Treat Countersink						Mislat			Positioned V	- 1	
Inspection Strip in Tube Cut Too Short					Misre	-	L_	Power Loss/	Surge	Other	
Ripples in Bend Drill Holes						Offset					
Torque Waves in Extrusion Drawing						<del></del>	Calibration				
Turning Sequence Finish						<del></del> -	Sequence				
Wave/Twist in Tube Folio							le Dimensions				

Work Order ID 91392 \*91392\* October-05-12 2:42:23 PM Item ID: D350-636-216 Accept \*N900040100\* Setup Start **Revision ID:** Item Name: Skidtube STD RH, Deluxe \*1\* **Start Date:** 10/05/12 Start Oty: 1.00 **Cust Item ID:** Required Date: 10/16/12 Req'd Oty: 1.00 **Customer:** Reference: Run Start Process Plan: Approvals: Date: Tooling: Date: Stop Date: \_\_\_\_\_ SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Work Center ID Description **Run Hours** Qty Qty Code Number Stamp 150 0.00 \*150\* Packaging 0.00

160

Packaging

QC21- Final Inspection - Work Order Release

0.00

Identify and pack for shipping as per PPP D350-636-216

\*160\*

OC Quality Control

Memo

Location: PPP rev:\_\_\_\_

0.00

Page 2

Insp.

NCR:	Yes	/ No	·			WORK ORDER NON-O	CO	NFORM	MANCE / UP	DATE			
		,							· .		QA Closed:	Date	*.
Work Ord	er:					DISPOSITION				AGAINST D	EPARTMENT	/PROCESS	
Part						Rework Scrap	]		Skid-tube Machining	Crosstube Small Fab	Pro	Water Jet	Engineering Quality
NCR I	•					Use-as-is Work Order Update		1	noforming Large Fab	Finishing Composite		re/Packaging Supplier	Other
Root					Descri	ption of work order update		Initial	Ad	ction	Sign &		
Cause		Date	Step	Qty	. (	or Non-conformance	Cł	nief Eng	Desc	cription -	Date	Verification	QC Inspector
Doc/Data	Ш			.						,			,
Equip/Tooling	Ш												
Operator													
Material	Ш						İ						
Setup									:				
Other	Ш												
Process													
Supplier	Ш												
Training	$\Box$												
Unapproved							1						
				<del> </del>			AUI	LT CATE	GORY			<u> </u>	
Landi	$\overline{}$					General		J		_	7	. г	¬。
	-	Bending				Bend	-	Grain		-	Ovalized		Pressure/Forced
	Centre Not Concentric to O/S BOM/Route						_	Hardwa		-	Over/Under	<u> </u>	Temperature/Cure
	<del></del>					Broken/Damaged	ļ	<b>-</b>	on Incomplete	,, , <u> </u>	Part Incorre	<del> </del>	Weld
	-	Crushed/	Crimped.		-	Burrs		-1	ions Incomplete,	/Unclear	Part Lost/M		Wrong Stock Pulled
	1	Cuffs				Contamination	Maintenance Part Moved						
	┝━┥	Heat Trea			-	Countersink	<u> </u>	Mislabe		<u> </u>	Positioned		Joshan
	$\vdash$	Inspection		Tube	<u> </u>	Cut Too Short	$\vdash$	Misread	1	L	Power Loss,	Surge	Other
		Ripples in			<u> </u>	Drill Holes	-	Offset					
	Torque Waves in Extrusion Drawing Out of Calibration												

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Finish

October-05-12 2:42:23 PM

Work Order ID:

91392

Parent Item:

D350-636-216

Parent Item Name:

Skidtube STD RH, Deluxe

**Start Date:** 10/05/12

Required Date: 10/16/12

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev:A 10.10.04 new issue DD verf:EC

DD\_verf:EC

IPP Rev:B 11.04.14 ecn11-553 IPP Rev.D 112 04 16 AS PER FCN 12-542 DD verf.FC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure		Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D350-636-016 Skidtube STD w/ Training	Wearplates, RH	Manufactured	No			110	Each	0.0000	139	1390	(x1)	Jel	ulist.
<b>D350-636-101</b> Toe Step, LH/RH		Manufactured	No			110	Each	9.0000	1	M 1	n	10 17	
				Location		Loc Oty	L	oc Code					
				FG120 7160	06	6							
				ST465 8518	88	3				/ (			
D350-636-105A Wedge Installation		Manufactured	No		<u> </u>	110	Each	7.5000	0.5	0.5	(()	10/18	- <del>* * *</del>
				Location		Loc Oty	L	oc Code	_			,	
				FG120 5195	· Q	7.5	12	6836	5 ·	x  -			
				6731	7	1.5							
				7160 7714		1 4				<u>-</u>			
D350-636-109 Tow Ring Installation		Manufactured	No			110	Each	5.0000	1	JU 1	ulio	118	
				Location		Loc Qty	Lo	oc Code					
				FG120		5							
				7708 <u>8603</u>		1 4				×L			

NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UP	DATE			_		
						•		<del>,</del>				QA Closed:	D	ate:	•
Work Ord	or.					DISPOSITION				AGAINS	T DE	PARTMENT	PROCESS		
Part I	•					Rework Scrap	]		Skid-tube Machining	Crosstube Small Fal		Pro	Water Je	-	Engineering Quality
NCR I	•					Use-as-is Work Order Update		Therm	noforming Large Fab	Finishin Composite	g		e/Packaging Supplie		Other
Root					Descri	ption of work order update	1	Initial	Ac	tion		Sign &			
Cause		Date	Step	Qty		or Non-conformance	Ch	nief Eng	Desc	ription		Date	Verification	on	QC Inspector
Doc/Data				, .											
Equip/Tooling					:										
Operator								•							•
Material															
Setup															
Other														Ì	
Process															
Supplier	$\Box$											ľ		- 1	
Training									•						
Unapproved															
						F	AUL	T CATE	GORY						******
Landi	ng G	ear			<u> </u>	General	_	,				1			
		Bending				Bend		Grain				Ovalized			Pressure/Forced
		Centre No	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re		_	Over/Under		Ш	Temperature/Cure
	Cracks					Broken/Damaged		Inspecti	on Incomplete			Part Incorred	ct		Weld
	Crushed/Crimped Bu					Burrs		Instruct	ions Incomplete/	/Unclear	L	Part Lost/Mi	ssing		Wrong Stock Pulled
	Cuffs Contamination							Mainte	nance		_	Part Moved			
		Heat Trea	it			Countersink	Mislabeled Positioned			Positioned V	Vrong				
		Inspection	n Strip in	Tube		Cut Too Short		Misread	i			Power Loss/	Surge		Other
		Ripples in	Bend			Drill Holes		Offset							
		Torque W	aves in E	xtrusio	n [	Drawing Out of Calibration									

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

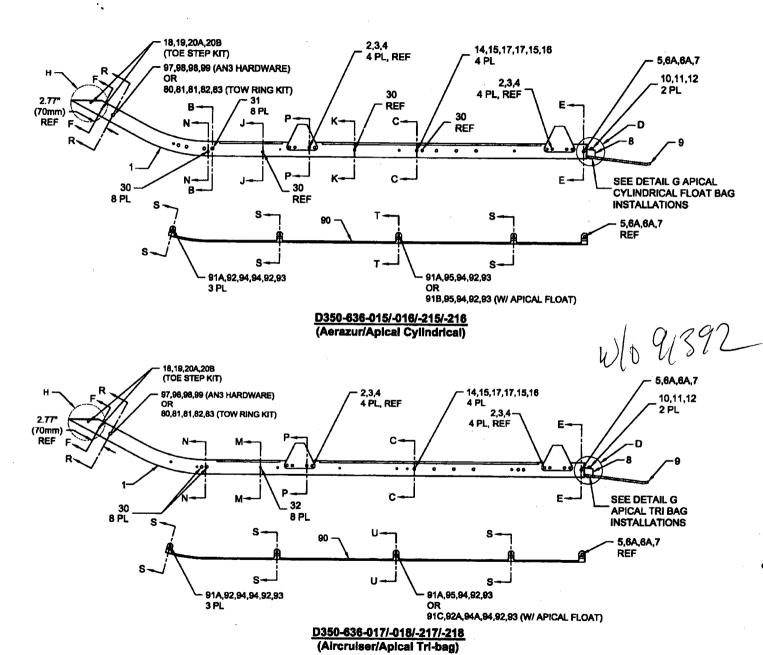
Finish Folio

Revision: I Date: 10.10.25

• COPYRIGHT © 2010 BY DART AEROSPACE USA, INC •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

# Figure 3: D350-636-015/-016/-017/-018/-215/-216/-217/-218 SKIDTUBE **ASSEMBLY**



NCR:	Yes /	No				<b>WORK ORDER NON-</b>	COI	NFORM	MANCE / UP	DATE			
		4							-		QA Closed	Dat	e:
Work Orde	er:					DISPOSITION				AGAINST D	EPARTMENT	/PROCESS	
Part N	No				·	Rework Scrap Use-as-is		Therm	Skid-tube Machining noforming	Crosstube Small Fab Finishing	<del></del> -	Water Jet od. Eng. Coor. re/Packaging	Engineering Quality Other
NCR I	No		·			Work Order Update	╛	İ	Large Fab	Composite		Supplier	
Root Cause	Da	ite St	tep	Qty	•	otion of work order update or Non-conformance	ļ	Initial nief Eng		tion ription	Sign & Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved													
							AUI	T CATE	GORY				
Landii	ng Gear					General		]c:.		Γ		ſ	Pressure/Forced
	Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Tube			/S	Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short	Grain Hardware Inspection Incomplete Instructions Incomplete/Unclear Maintenance Mislabeled Misread			Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned Power Loss	ect lissing Wrong	Temperature/Cure Weld Wrong Stock Pulled Other		
ŀ		es in Ben ue Wave		trusion	ļ	Drill Holes	Offset Out of Calibration						

Out of Sequence

Outside Dimensions

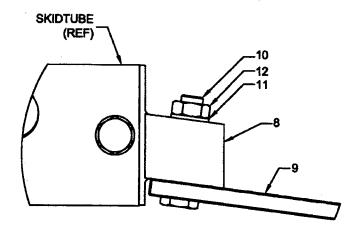
Date:

DQA:

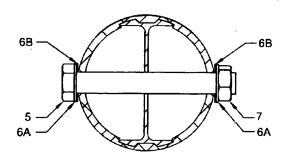
Turning Sequence

Wave/Twist in Tube

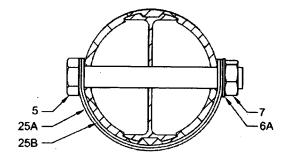
Finish



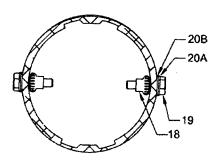
<u>DETAIL D</u> 1 PL PER SKIDTUBE



<u>SECTION E-E</u> (D350-636-011/-012/-013/-014 SKIDTUBES AT CHG 003 ONLY)



SECTION Q-Q (D350-636-011/-012/-013/-014 SKIDTUBES AT CHG 004 OR SUBSEQUENT)



SECTION F-F 2 PL PER SKIDTUBE

COPYRIGHT © 2010 BY DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

Revision: I

Date: 10.10.25

											DQA:	Date	
NCR:	Yes	/ No				WORK ORDER NON-	COI	VFOR	MANCE / UI	PDATE	QA Closed:	 Date	
	·											<u> </u>	
Work Ord	er:					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part I	•					Rework Scrap		1	Skid-tube Machining	Crosstube Small Fab	4	Water Jet d. Eng. Coor.	Engineering Quality
NCR I	No.					Use-as-is Work Order Update			noforming Large Fab	Finishing Composite	Rec/Stor	re/Packaging Supplier	Other
Root	Ī				Descri	ption of work order update		nitial	А	ction	Sign &		
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Des	cription	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling													
Operator													
Material													
Setup									·				
Other													
Process			`										
Supplier													
Training	П												
Unapproved	П		ł										
						F	AUL	T CATE	GORY				
Landi	ng G	iear				General		_					
		Bending				Bend		Grain			Ovalized		Pressure/Forced
		Centre No	ot Concer	ntric to (	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
		Cracks				Broken/Damaged	Inspection Incomplete Part Incomp				Part Incorre	ct	Weld
	П	Crushed/0	Crimped.			Burrs	Instructions Incomplete/Unclear Part Lost/Missing V					Wrong Stock Pulled	
	П	Cuffs				Contamination		Mainte	nance		Part Moved	_	<del></del>
		Heat Trea	t			Countersink		Mislabe	led		Positioned V	Vrong	
		Inspection	n Strip in	Tube		Cut Too Short		Misread	1		Power Loss/	Surge	Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Ripples in Bend

Turning Sequence

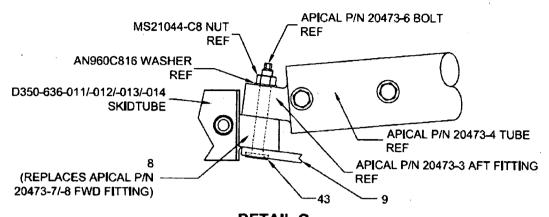
Wave/Twist in Tube

Torque Waves in Extrusion

Drill Holes

Drawing

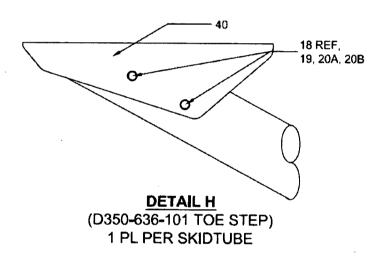
Finish

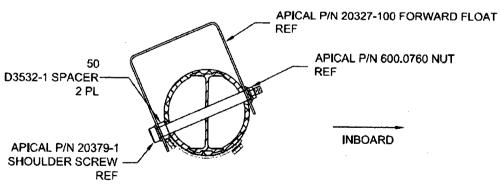


DETAIL G

(APICAL CYLINDRICAL AND TRI-BAG INSTALLATIONS)

1 PL PER SKIDTUBE





### SECTION N-N (LH SHOWN, RH OPPOSITE) (D350-636-011/-012 WITH APICAL CYLINDRICAL FLOATS ONLY)

COPYRIGHT © 2010 BY DART AEROSPACE USA, INC •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

Revision: I

Date: 10.10.25

NCR:	Yes / No				WORK ORDER NON-	CON	IFORM	MANCE / UPI	DATE		_	
										QA Closed:	Date	<u>;                                    </u>
Work Orde	or:				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
					Rework	] [		Skid-tube	Crosstube	]	Water Jet	Engineering
Part N	No				Scrap	╛╽	١	Machining	Small Fab	4	d. Eng. Coor.	Quality
					Use-as-is	_		noforming	Finishing	Rec/Stor	re/Packaging	Other
NCR N	No				Work Order Update	┙╽		Large Fab	Composite	_	Supplier	
Root				Descri	ption of work order update	Ir	nitial		tion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chi	ef Eng	Desci	ription	Date	Verification	QC Inspector
Doc/Data		-										
Equip/Tooling												
Operator		i.		• •								
Material		•										
Setup												
Other							•					
Process												
Supplier												
Training						• •			•			
Unapproved		<u> </u>	<u> </u>	L		- A I II 7	CATE	CORV		<u> </u>	l	
Landir	ng Gear		···		General	AULI	CAIL	JONT				<del> </del>
	Bending			Г	Bend		Grain			Ovalized	Г	Pressure/Forced
	Centre No	ot Concer	ntric to	o/s	BOM/Route	$\vdash$	Hardwa	re		Over/Under	tolerance	Temperature/Cure
	Cracks				Broken/Damaged	$\vdash$		on Incomplete		Part Incorred	<b>⊢</b>	Weld
	Crushed/Crimped				Burrs		Instruct	ions Incomplete/l	Unclear	  Part Lost/Mi	issing	Wrong Stock Pulled
ľ	Cuffs				Contamination		Mainte	nance	-	Part Moved	_	_
Ī	Heat Trea	t			Countersink		Mislabe	led		Positioned V	Vrong	
Ī	Inspection	Inspection Strip in Tube Cut Too Short					Misread Power Loss/Surg			Surge	Other	
Ţ	Ripples in	Ripples in Bend Drill Holes					Offset					
	Torque W	aves in E	xtrusio	n	Drawing	Out of Calibration						
ſ	Turning Se	eauence			Finish Out of Sequence							

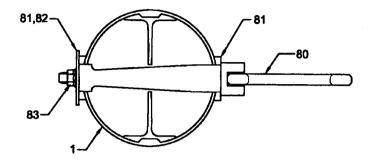
Outside Dimensions

DQA:

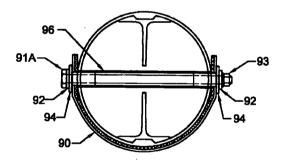
Date:

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Wave/Twist in Tube



SECTION R-R SHOWN WITH DRILLED Ø0.625" HOLE & D350-636-109 TOW RING KIT



<u>SECTION S-S</u> D350-636-015/-016/-017/-018/-215/-216/-217/-218 SKIDTUBES, 3 PL

NCR:	·													
											QA Closed:	Date:	·	
Work Ord	er:			·		DISPOSITION	_		<b></b>	AGAINST DE	PARTMENT	·		
	Part No. S  Use- NCR No. Work Order Up  Root Description of work order up							1	Skid-tube  Machining  noforming  Large Fab	Crosstube Small Fab Finishing Composite	-1	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other	
Root					Descri	ption of work order update		Initial	Acti	ion	Sign &			
Cause		Date	Step	Qty	(	or Non-conformance	Cr	nief Eng	Descri	iption	Date	Verification	QC Inspector	
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved														
							AUI	LT CATE	GORY					
Landi	<u> </u>				Г	General	_	1			70 -1:	Г	70,,,,,,,,,	
		Bending Centre Not Concentric to O/S Cracks				Bend BOM/Route Broken/Damaged	Grain Hardware Inspection Incomplete				Ovalized Over/Under Part Incorre	ct	Pressure/Forced Temperature/Cure Weld	
	Crushed/Crimped Burrs					$\vdash$	Mainte	ions Incomplete/U	inclear	Part Lost/M Part Moved	issing	Wrong Stock Pulled		
	-	Cuffs Heat Trea	Contamination Countersink				-	Mislabe			Positioned \	Mrong		
		Inspection		Tubo	-	Cut Too Short	-	4		<del> -</del>	Power Loss/		Other	
				rube		Drill Holes	Misread			L.	J. Ower LOSS/	Juige	Other	
	Ripples in Bend Drill Holes Torque Waves in Extrusion Drawing						$\vdash$	4	Calibration					
	Turning Sequence Finish						Out of Sequence							

Outside Dimensions

DQA:

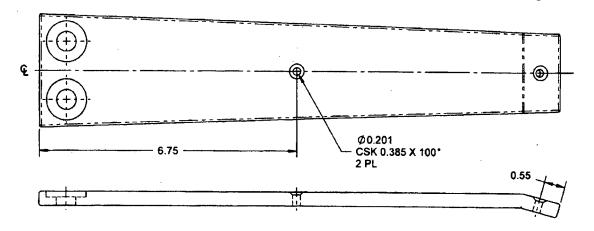
Date:

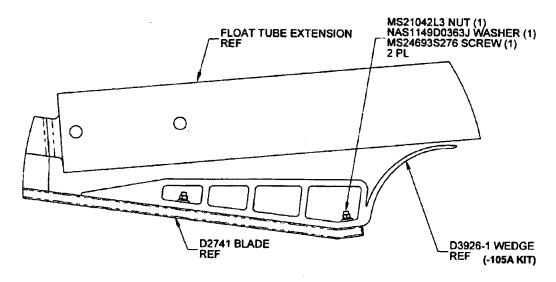
H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Wave/Twist in Tube

### **DART AEROSPACE USA, INC.**

### **IIN-D350-636** Page 20 of 31





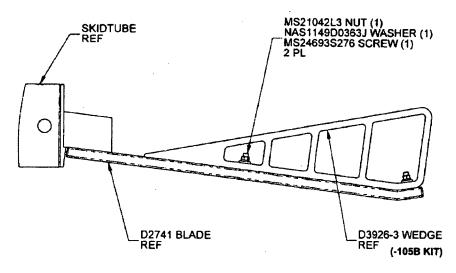


Figure 4: D350-636-105A/-105B WEDGE KIT INSTALLATION

COPYRIGHT © 2010 BY DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

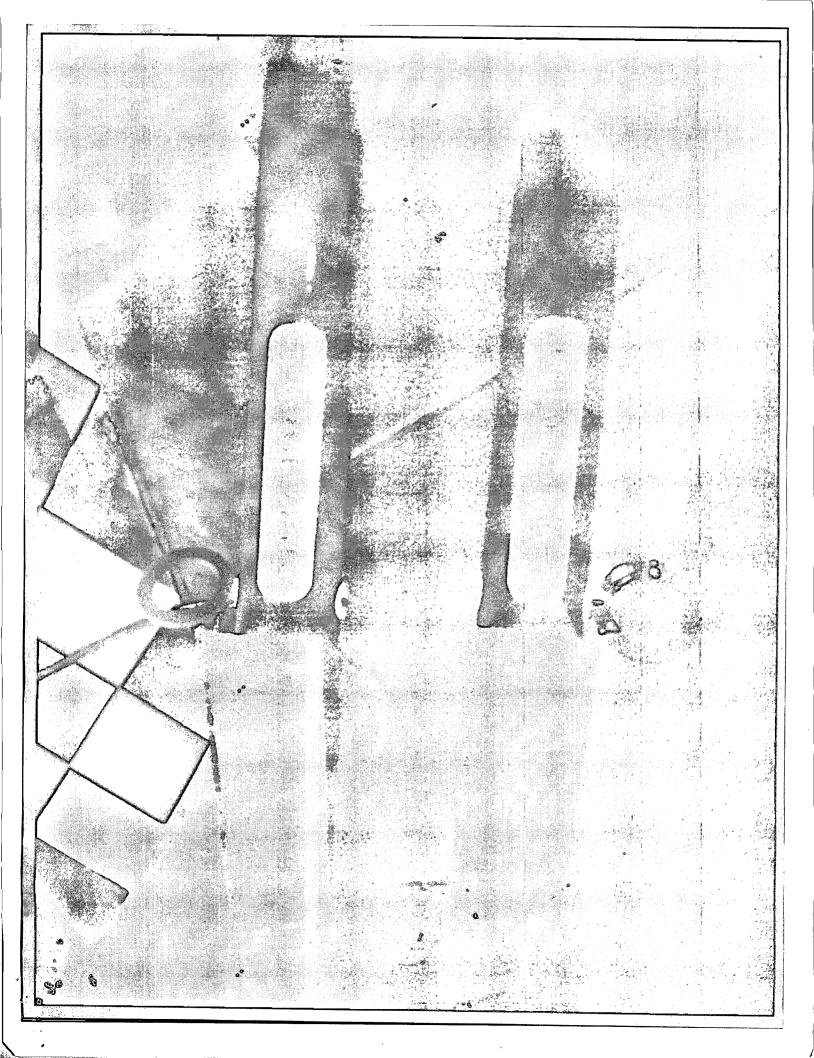
Revision: I

Date: 10.10.25

NCR: Y	es / No				WORK ORDER NON-	CON	FORM	MANCE / UP	DATE						
14011.	cs / 110					••••				QA Closed:	Date:	¢ 1224			
Mark Orda				· ·	DISPOSITION				AGAINST DE	PARTMENT	/PROCESS				
Work Orde	!T .				Rework	]		Skid-tube	Crosstube		Water Jet	Engineering			
Part N	0.				Scrap	<b>↓  </b>		Machining	Small Fab	4	d. Eng. Coor.	Quality			
					Use-as-is	<b>↓  </b>		noforming	Finishing	Rec/Stoi	re/Packaging	Other			
NCR N	0			· ·	Work Order Update	┚┃		Large Fab	Composite	J	Supplier	ا ا			
Root				Descri	ption of work order update	In	nitial	Ac	tion	Sign &					
Cause	Date	Step	Qty	(	or Non-conformance	Chi	ef Eng	Desc	ription	Date	Verification	QC Inspector			
Doc/Data		-													
quip/Tooling						ļ									
Operator									•						
Material															
Setup															
Other															
Process						1				·					
Supplier					,										
Fraining		į													
Jnapproved						<u> </u>									
					F	AULT	CATE	GORY							
Landin	g Gear				General				_	7	<del></del>	٦			
į	Bending				Bend	Щ	Grain			Ovalized	·	Pressure/Forced			
	Centre No	ot Concer	ntric to C	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure			
Ĺ	Cracks				Broken/Damaged		nspecti	on Incomplete		Part Incorre		Weld			
					Burrs		nstruct	ions Incomplete/	'Unclear	Part Lost/M	issing	Wrong Stock Pulled			
	Cuffs Contamination				Contamination	النا	Mainte	nance		Part Moved					
	Heat Treat Countersink				Countersink		Mislabe	led	_	Positioned V	Vrong	<b>-</b>			
	Inspection Strip in Tube Cut Too Short					Misread Power Loss/Surge Other					Other				
	Ripples in	Bend			Drill Holes		Offset								
Ī	Torque W	/aves in E	xtrusion	\	Drawing		Out of C	Calibration							
	Turning S	equence			Finish		Out of S	equence							
Γ	Wave/Tw	ist in Tuk	e		Folio	$\Box$	Outside	Dimensions							

Date:

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G



NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORI	MANCE / UP	DATE	QA Closed:	Date:	••
Work Order:				DISPOSITION	AGAINST DEPARTMENT/PROCESS								
				Rework		Skid-tube Crosstube			Water Jet		Engineering		
Part No.				Scrap				Small Fab	Prod. Eng. Coor.		Quality		
NCR No.						Use-as-is Work Order Update		Thermoforming Finishing  Large Fab Composite			Rec/Store/Packaging Other Supplier		
Root					Descri	ption of work order update	1	Initial		tion	Sign &		
Cause		Date	Step	Qty	(	or Non-conformance	Ch	nief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data	Ш												
Equip/Tooling	Ш											·	
Operator							l						
Material .	Щ												
Setup	Н						ŀ						
Other	Н												
Process	Н												
Supplier	Н										ļ		
Training	Н								•				
Unapproved							<u> </u>	T CATE	CORV			<u> </u>	<u> </u>
Landi	na G	ioar					AUL	. T CATE	GOKT				
Landing Gear Bending Be				Bend		Grain			Ovalized		Pressure/Forced		
	_	Centre Not Concentric to O/S				BOM/Route	-	Hardware			Over/Under	tolerance	Temperature/Cure
	-	Cracks				Broken/Damaged	$\vdash$	Inspection Incomplete			Part Incorre	-	Weld
	-	Crushed/Crimped				Burrs		Instructions Incomplete/Unclear		Jnclear	Part Lost/M	<u> </u>	Wrong Stock Pulled
	_	Cuffs				Contamination	$\vdash$	Maintenance			Part Moved	<u> </u>	
	-	Heat Treat				Countersink		Mislabeled		Positioned V	Vrong		
	$\square$	Inspection Strip in Tube				Cut Too Short		Misread			Power Loss/Surge		Other
		Ripples in Bend				Drill Holes		Offset			-		
	Torque Waves in Extrusion				,	Drawing		Out of Calibration					
!	Turning Sequence					Finish		Out of Sequence					· · · · · · · · · · · · · · · · · · ·

Outside Dimensions

Date:

DQA:

Wave/Twist in Tube

NO. 306

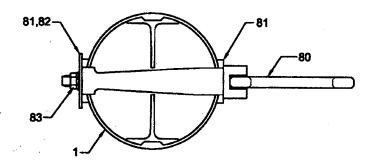
# AWS D17.1.2001 QUALIFICATION TEST RECORD

Name: Barday Elliott		1	alian kanana	
Job #:90946 0				
Part #: 0350 - 636-011		:		
Description: Skid tube	·	. :		
Welding Process: Tig[   Mig[ ]				
Base materiel: Aluminium		1 1	1.	
Current: AC[V] DC[ ]				
	1.			
				- 12.

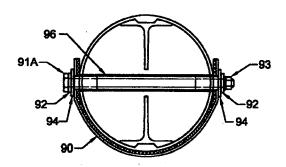
## TEST REQUIREMENTS AND RESULTS

Visual:	pass[/]	fail[ ]			
<b>Incomplete Penetration:</b>	pass[ ]	fail[ ]			
Incomplete Fusion:	pass[/	fail[ ]			
Cracks:	pass[	fail[ ]			
Overlap (cold lap)	pass[/]	fail[ ]			
Undercut:	pass[	fail			2 .
Pin holes:	pass[	fail j			
Porosity (surface):	pass[~]	fail[ ]			
Coloration:	pass[~]	fail[ ]		· · · · · · · · · · · · · · · · · · ·	
Burn through:	pass[/]	fail[ ]			. •
$\rho_{I} \sim \rho$			-		
Qualifier (A. ) W.	_Date of Te	est Coupon	12	10-19	
Welder Brocky Sthoet	_ Date of T	est Coupon	12	10-12	·
				i e	

The above named individual is qualified in accordance with AWS D17.1.2001 to weld



SECTION R-R
SHOWN WITH DRILLED Ø0.625" HOLE &
D350-636-109 TOW RING KIT



SECTION S-S D350-636-015/-016/-017/-018/-215/-216/-217/-218 SKIDTUBES, 3 PL

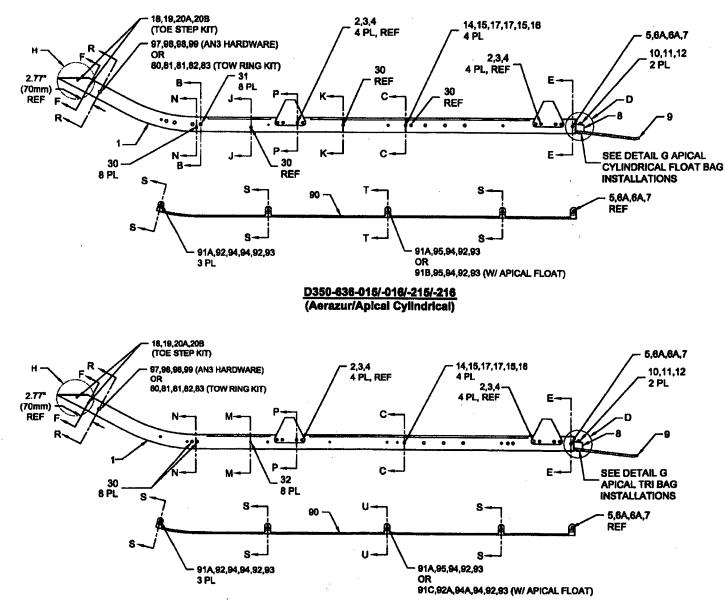
Date: 10.10.25

Revision:

• COPYRIGHT © 2010 BY DART AEROSPACE USA, INC •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

# **Figure** D350-636-015/-016/-017/-018/-215/-216/-217/-218 SKIDTUBE **ASSEMBLY**



D350-636-017/-018/-217/-218 (Aircruiser/Apical Tri-bag)